

Appl. No. : 10/041,860
Filed : January 7, 2002

LISTING OF THE CLAIMS

1. (Currently Amended) A human monoclonal antibody that binds to Platelet Derived Growth Factor D (PDGFD) -PDGFD and comprises a heavy chain amino acid sequence selected from the group consisting of comprising SEQ ID NOS: NO: 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 38, 40, 42, 44, 46, and 48.

2. (Currently Amended) The antibody of Claim 1, further comprising a light chain amino acid sequence selected from the group consisting of comprising SEQ ID NOS: NO: 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 39, 41, 43, 45, 47, and 49.

3.-21. (Cancelled)

22. (New) A human monoclonal antibody or antigen-binding portion thereof that specifically binds to Platelet Derived Growth Factor D (PDGFD) and is encoded by a human V_H1-8 family gene and a J_H6B family gene.

23. (New) The human monoclonal antibody or antigen-binding portion thereof of Claim 22, wherein said monoclonal antibody comprises a heavy chain polypeptide having the sequence of SEQ ID NO: 48 and a light chain polypeptide having the sequence of SEQ ID NO: 49.

24. (New) The human monoclonal antibody or antigen binding portion thereof of Claim 22, wherein said monoclonal antibody or antigen binding portion comprises a heavy chain CDR1 region having the amino acid sequence GYTFTSYDIN.

25. (New) The human monoclonal antibody or antigen binding portion thereof of Claim 22, wherein said monoclonal antibody or antigen binding portion comprises a heavy chain CDR2 region having the amino acid sequence INPNSGNTDYAQKFQ.

26. (New) The human monoclonal antibody or antigen binding portion thereof of Claim 22, wherein said monoclonal antibody or antigen binding portion comprises a heavy chain CDR3 region having the amino acid sequence GFGYSNYDYYGMDV.

27. (New) The human monoclonal antibody or antigen binding portion thereof of Claim 22, wherein said monoclonal antibody or antigen binding portion thereof comprises a light chain CDR1 region having the amino acid sequence RASQSVSSSYLA.

28. (New) The human monoclonal antibody or antigen binding portion thereof of Claim 22, wherein said monoclonal antibody or antigen binding portion thereof comprises a light chain CDR2 region having the amino acid sequence ATSSRAT.

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29. (New) The human monoclonal antibody or antigen binding portion thereof of Claim 22, wherein said monoclonal antibody or antigen binding portion thereof comprises a light chain CDR3 region having the amino acid sequence QQYGSSPCS.

30. (New) The human monoclonal antibody or antigen binding portion thereof of Claim 22, wherein said monoclonal antibody or antigen binding portion thereof further compromises a sequence encoded by a human D5-18 family gene.

31. (New) The human monoclonal antibody or antigen binding portion thereof of Claim 22, wherein said monoclonal antibody or antigen binding portion thereof comprises a detectable marker.

32. (New) A human monoclonal antibody that binds to Platelet Derived Growth Factor D (PDGFD) and is derived from a human V_H1-8 family gene, and a J_H6B family gene.

33. (New) The human monoclonal antibody of Claim 32, wherein said monoclonal antibody comprises a heavy chain polypeptide having the sequence of SEQ ID NO: 48 and a light chain polypeptide having the sequence of SEQ ID NO: 49.

34. (New) The human monoclonal antibody of Claim 32, wherein said monoclonal antibody comprises a heavy chain CDR1 region having the amino acid sequence GYTFTSYDIN.

35. (New) The human monoclonal antibody of Claim 32, wherein said monoclonal antibody comprises a heavy chain CDR2 region having the amino acid sequence INPNSGNTDYAQKFQ.

36. (New) The human monoclonal antibody of Claim 32, wherein said monoclonal antibody comprises a heavy chain CDR3 region having the amino acid sequence GFGYSYNYDYYGMDV.

37. (New) The human monoclonal antibody of Claim 32, wherein said monoclonal antibody comprises a light chain CDR1 region having the amino acid sequence RASQSVSSSYLA.

38. (New) The human monoclonal antibody of Claim 32, wherein said monoclonal antibody comprises a light chain CDR2 region having the amino acid sequence ATSSRAT.

39. (New) The human monoclonal antibody of Claim 32, wherein said monoclonal antibody comprises a light chain CDR3 region having the amino acid sequence QQYGSSPCS.

40. (New) The human monoclonal antibody of Claim 32, wherein said monoclonal antibody further comprises a sequence derived from a human D5-18 family gene.

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41. (New) The human monoclonal antibody of Claim 32, wherein said monoclonal antibody comprises a detectable marker.

42. (New) A composition comprising a human monoclonal antibody or antigen-binding portion thereof that specifically binds to Platelet Derived Growth Factor D (PDGFD) and is encoded by a human V_H1-8 family gene and a J_H6B family gene in association with a pharmaceutically acceptable carrier.

43. (New) The composition of Claim 42, wherein said human monoclonal antibody or antigen-binding portion thereof further comprises a sequence encoded by a human D5-18 family gene.

44. (New) The composition of Claim 42, wherein said human monoclonal antibody or antigen-binding portion thereof comprises a heavy chain polypeptide having the sequence of SEQ ID NO: 48 and a light chain polypeptide having the sequence of SEQ ID NO: 49.

45. (New) The composition of Claim 42, wherein said human monoclonal antibody or antigen-binding portion thereof comprises a detectable marker.